



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020 or (217)785-5878

FOR OFFICE USE ONLY

Facility # _____

Permit # _____

APPLICATION for Permit for **UPGRADE OR REPAIR** of Underground Storage Tanks. Complete in triplicate (one original and two copies) and file with triplicate site plans, along with an application fee of \$200.00 to: **Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, 1035 Stevenson Drive, Springfield, IL 62703.**

(1) **OWNER OF TANKS** - Corporation, partnership, or other business entity: (Must be mailing address)

Name

Street Address

City State Zip

Contact Person Phone

(2) **FACILITY** - Facility ID # _____
(Name and address where tanks are located:)

Name

Street Address

City State Zip County

Contact Person Phone

(3) **CONTRACTOR:** I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that all information submitted is true, accurate and complete.

Company Name _____ Address _____

City _____ State _____ Zip _____

Telephone # _____ Fax # _____ Contractor License # IL _____ Expiration Date _____

Name of Authorized Representative _____ Title or Position _____

Signature _____ Date _____

(4) **SITE STATUS** - Check one: ☐ Existing Site ☐ Emergency Repair Previously Requested

(5) **TYPE OF SYSTEM** - Check whichever applies - Separate information is required for each type of system:

☐ Motor Fuel ☐ Waste Oil ☐ Stand-by Generator ☐ Heating Oil ☐ Marina-Include Required Checklist for Marinas ☐ Hazardous Substance
☐ Other (explain) _____

(6) Provide a **SUMMARY OF WORK** to be performed and explain any unusual circumstances on a separate sheet.

(7) **GENERAL INFORMATION** - Check whichever applies and fill in the appropriate blanks for the UST system(s) that will be involved.
Attach additional sheet(s) if more space is needed.

(a) **TANK(S):**

Tank ID #	Capacity in Gallons	Product	Double Wall	Composite	FRP	STI P3 Steel	Manufacturer	Length of Warranty

(b) **ISLANDS:** ☐ Existing to remain ☐ Installing new ☐ Reconstructing (explain below) ☐ None

(c) **CANOPY:** ☐ Existing to remain ☐ Installing new ☐ Replacing (explain below) ☐ None

Use this space for explanation for (b) & (c) above: _____

The OSFM **REQUIRES** the disclosure of the requested information to issue this permit, pursuant to 430 ILCS, Act 15, Gasoline Storage Act. Failure to provide the requested information will result in this permit application not being processed. Such failure will result in the application being returned - it will be returned to the applicant only once (without being denied) and if resubmitted, is **REQUIRED** to be done within **14 days** from the date of return.

(8) TANK(S) COMPLIANCE INFORMATION - (New tanks must be U.L. approved. Used tanks must have OSFM approved recertification). Check whichever applies and use the space provided to describe the work to be performed or the methods to be used and **give the manufacturer and model of any equipment**, consoles, probes, sensors, etc. to be installed (**do not give catalog numbers**). Attach additional sheet(s) if more space is needed.

(a) **RELEASE DETECTION:** ☐ Manual Tank Gauging ☐ Automatic Tank Gauging ☐ Interstitial Monitoring
☐ Groundwater Monitoring ☐ Vapor Monitoring ☐ Other (explain below)

Equipment and/or explanation: _____

(b) **CORROSION PROTECTION:** ☐ STI-P3 ☐ Composite ☐ Fiberglass ☐ Other (explain below) **Note: CP Equip must use CP App.**

(c) **SPILL PREVENTION:** ☐ Spill Containment Manhole ☐ Field Constructed Containment ☐ Other (explain below)

Equipment and/or explanation: _____

(d) **OVERFILL PREVENTION:** ☐ Drop Tube Valve ☐ Float Vent Valve ☐ Alarm and/or shutoff ☐ Other (explain below)

Equipment and/or explanation: _____

(9) PIPING COMPLIANCE INFORMATION - Check whichever applies and use the space provided to describe the work to be performed or the methods to be used and **give the manufacturer and model of any equipment**, consoles, probes, sensors, etc. to be installed (**do not give catalog numbers**). Indicate manufacturer of product piping, vent piping and remote fills. Attach additional sheet(s) if more space is needed.

(a) **PIPING:** ☐ Single Wall ☐ Double Wall ☐ Fiberglass ☐ Steel ☐ Other _____

☐ Existing to remain ☐ Installing new ☐ Installing partial **Note: Removal or Abandonment Permit may be required**

Equipment and/or explanation: _____

(b) **RELEASE DETECTION:**

1. ☐ **Pressurized Piping:** ☐ Line Leak Detector with Annual Line Test ☐ Continuous Line Pressure Monitor ☐ Interstitial Monitoring
☐ Groundwater Monitoring ☐ Vapor Monitoring ☐ Other (explain below)

2. ☐ **Suction Piping:** ☐ Interstitial Monitoring ☐ Groundwater Monitoring ☐ Vapor Monitoring ☐ Line Test Every Year
☐ European (Safe) Suction ☐ Other (explain below)

Equipment and/or explanation: _____

(c) **CORROSION PROTECTION:** ☐ Dielectric Coating ☐ Sacrificial Anode(s) ☐ Impressed Current ☐ Fiberglass ☐ Other (explain below)

(Installation of Cathodic Protection Equipment must be submitted on a Cathodic Protection Application)

Equipment and/or explanation: _____

(10) THIRD PARTY LISTING OR MANUFACTURER DOCUMENTATION - SEE ATTACHED 3RD PAGE FOR REQUIREMENTS

Does submittal include written documentation for all equipment being installed indicating that the equipment is third party listed for its intended use? ☐ Yes ☐ No

Does submittal include documentation from the equipment manufacturers that indicates that the equipment being installed is compatible for its intended use? ☐ Yes ☐ No

(11) SITE PLANS - Drawings of the site must accompany the application forms. They must show the entire UST system (tanks, piping, vents, islands, dispensers or other appurtenances) in relation to all buildings, structures and objects with specified setback distances. All objects on the site plans must be named and must be labeled as existing or as proposed. Site plans are not required if only installing equipment for leak detection (except monitoring wells), or spill & overfill prevention. The maximum site plans size allowed is 8 1/2" x 11". Blueprints are not acceptable.

(12) MINIMUM SETBACKS - Clearance distances must be given on the site plans in dimensions from the UST system to all buildings, structures and objects with a setback requirement. The minimum setback requirements for all tanks and all piping are at least:

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	20 feet to property lines or right of way lines
<input type="checkbox"/>	<input type="checkbox"/>	20 feet to storm sewers lines, sanitary sewer lines or similar underground drainage systems
<input type="checkbox"/>	<input type="checkbox"/>	20 feet to basements or similar underground structures
<input type="checkbox"/>	<input type="checkbox"/>	300 feet to any mine shaft, air or escape shaft to a mine
<input type="checkbox"/>	<input type="checkbox"/>	85 feet to any school, institution, public assembly or theater occupancy
<input type="checkbox"/>	<input type="checkbox"/>	400 feet to any potable wells on or near this facility. If no, contact IEPA Groundwater section at (217)785-4787.

It must be noted on the site plans if none of the above apply to this site! There may be provisions to alter these requirements if certain conditions exist under 41 Ill. Adm.Code 175 or if conditions are to remain existing.

(13) AUXILIARY INFORMATION - Other supplemental information, detail drawings or supporting documents may be necessary depending on the type and complexity of the project.

(14) APPLICATION REJECTION - Insufficient information or illegibility can be cause for return or denial.

(15) PERMIT TO WORK - No work can proceed without a granted permit in hand and must be available upon request of the OSFM Storage Tank Safety Specialist.

(16) APPLICANT - The **RESPONSIBLE CONTRACTOR** must complete this application. A fee of **\$200.00** for each site must accompany this application. (Checks or money orders are to be made payable to the Office of the State Fire Marshal. Do not send cash.)

Attachment

UST System Components That May Be Affected by Biofuel Blends

To be in compliance with USEPA's Final Guidance on "*Compatibility of Underground Storage Tank Systems with Biofuel Blends*" (USEPA 40 CFR 280.32) dated July 5, 2011, owners and operators of UST systems storing ethanol-blended fuels greater than 10 percent ethanol or biodiesel-blended fuels greater than 20 percent biodiesel must use compatible equipment. EPA considers the following parts of the UST system to be critical for demonstrating compatibility:

- Tank or internal tank lining
- Piping
- Line leak detector
- Flexible connectors
- Drop tube
- Spill and overfill prevention equipment
- Sealants (including pipe dope and thread sealant), fittings, gaskets, o-rings, bushings, couplings, and boots
- Containment sumps (including submersible turbine sumps and under dispenser containment)
- Release detection floats, sensors, and probes
- Fill and riser caps
- Product shear valve

For newly installed equipment comprised of multiple individual components such as submersible turbine pump assemblies, UST system owners and operators may obtain a certification from the equipment manufacturer documenting compatibility for the entire assembly.

Options for Meeting the Compatibility Requirement

Acceptable methods for owners and operators of UST systems storing ethanol-blended fuels greater than 10 percent ethanol or biodiesel-blended fuels greater than 20 percent biodiesel to demonstrate compatibility under USEPA 40 CFR 280.32 are:

- Use components that are certified or listed by a nationally recognized, independent testing laboratory (for example, Underwriters Laboratories) for use with the fuel stored.
- Use components approved by the manufacturer to be compatible with the fuel stored. EPA considers acceptable forms of manufacturer approvals to:
 - Be in writing;
 - Indicate an affirmative statement of compatibility;
 - Specify the range of biofuel blends the component is compatible with; and
 - Be from the equipment manufacturer, not another entity (such as the installer or distributor).
- Go to www.epa.gov/oust/altfuels/biofuels.htm for a list of compatibility tested components compiled by USEPA